GENERAL LABORATORY SAFETY SURVEY Division of Occupational Health and Safety, ORS

Building/Room: 29A / 3C22 IC: FDA/CBER Bran- Registration #: (HPRD 3128) Contact Person:	ch/Sec	tion:	Date:	10/11/2011
Revised March 15, 2006	Yes	No	N/A	Comments
Biological Safety Cabinet (BSC)	0			
Certification within last year	0			Date: 9/30/2011
Front grill and exhaust filter unobstructed	0			
Open flames not used inside cabinet	Ø			
Vacuum lines have in-line filters and disinfectant traps	0			
Vacuum traps on floors have secondary containment	Ø			
Chemical Fume Hood (CFH) and Other Local Exhaust			0	
Certification within last year			0	Date:
Airfoil and rear baffle unobstructed			0	
CFH not used for storage			0	
Sash at or below maximum height			•	
Cabinet below the CFH is vented			•	
No blockage in front of the CFH			•	
Other local exhaust certified			0	Date:
Gas Cylinders	0			-
All cylinders properly secured	0			
Caps on reserve cylinders	0			
No excess or empty cylinders	0			
Chemicals	0			Please store formalin in your flammables cabinet, not in the corrosives cabinet.
Flammables stored in flammable storage cabinet		0		
Peroxide formers double dated	0			
Chemicals segregated properly	•			
No hazardous chemicals stored above eye level	0			
No chemicals stored on the floor	0			
Chemical containers not left open	0			
All solutions properly labeled	0			
Formaldehyde Monitoring			0	
Anesthetic Gas Monitoring			Ø	
Mercury thermometers not in use	•		ė	
Refrigerators / Freezers No food for human consumption	0			
Flammables in explosion safe units	•			
Electrical				
Equipment without frayed or damaged wiring.	0			
No overloaded outlets or electrical strips	0			
Power strips mounted off the floor	•			
Electrical outlets within 1 meter of water sources protected by G.F.C.I.	Ø			
No portable space heaters	•			
Personal Protective Equipment Eyewash available in lab, unobstructed and flushed weekly	€			
Safety shower available and unobstructed	0			
Personal protective equipment available (gloves, gowns, goggles, etc)	•			
Occupants properly attired	0			
Lab coats, gowns, smocks, gloves, and other personal protective clothing not worn outside of the lab	Ø			
Waste Management				
No evidence of improper waste disposal	0			
Chemical wastes tagged, labeled, dated <60 days and kept closed	•			
Chemical waste containers in secondary containment	0			
Sharps containers used and disposed of as MPW	0			
Waste disposal calendar in lab	V			

	Yes	No	N/A	Comments
General Engineering Controls				Please contact facilities about the improper directional airflow of this
Lab air flow negative to general occupancy, corridor & office area		Ø		laboratory.
No cup sinks or drains acting as vents	0			
Hand washing sink available near laboratory exit	0			
/acuum line on lab benches has filters and traps	0			
Room UV lights on interlock switch	٧		Ø.	
SSC not compromised by room air or location	0		V	
CFH located in rear corner of lab	~		· ·	
General Practice and Procedures				And the second s
Food for human consumption stored outside lab	0			
Microwave oven(s) clearly labeled "No Food Preparation, Lab Use Only"	ø.			
No evidence of eating, drinking, smoking, and cosmetics being applied in lab	Ø			
Mouth pipetting prohibited	•			
Proper signage - UV, Laser, Radioactive, etc. on door	0			
Lab equipment properly labeled (Biohazard,	_			
Radioactive, Toxic, etc.)	Ø			
Safety Training				If working with human blood and body fluid, lab personnel must take the NII-blood borne pathogen training class. Please make sure personnel go to www.safetytraining.nih.gov to sign up for safety courses.
Lab staff up to date with Lab Safety Training (Initial & Refresher)	•			The state of the s
ab staff up to date with BBP training (Initial & Refresher)		0		
Personnel read, review, and follow instructions on practices and procedures	Ø			
General Laboratory Housekeeping				
No glass containers stored on floor	0			
lo slip, trip, or fall hazards present	•			
Clean absorbent pads on work surfaces	•			
No trash on floor	•			
ab appears clean and uncluttered	Ø			
Fire Protection Sprinkler heads free and unobstructed with 18" clear Jane below sprinkler heads	0			
No open penetrations in walls, ceiling, floor, etc	0			
No wiring or tubing through the door opening	0			
16" minimum passage widths in room	0			
All doors kept closed to ensure fire protection and directional air flow	•			
No storage on ductwork or light fixtures	0			
No excess combustibles stored in room	0			
_aboratory Animal Allergy Prevention Program LAAPP)	AND AND THE STREET			
Fransport container, animal waste, and carcasses properly contained			Ø	
Containment equipment used by staff during procedures			o	
Rooms in which animals used are posted			0	
Appropriate PPE available			0	
Cold Room			e e e e e e e e e e e e	Please remove all cardboard from the cold room.
Cold-room has emergency release	0			
No cardboard storage		0		
Asphyxiates and hazardous gases in ventilated rooms	Ø			

GENERAL LABORATORY SAFETY SURVEY Division of Occupational Health and Safety, ORS

Building/Room: 29A / 3C12 IC: FDA/CBER Branch/Section: Date: 10/11/2011 Registration #: (HPRD 3128) Contact Person: Revised March 15, 2006 Yes No N/A Comments Biological Safety Cabinet (BSC) 0 Please contact facilities to have your BSC certified as soon as possible. Certification within last year V Date: 9/30/2010 Front grill and exhaust filter unobstructed V Open flames not used inside cabinet 0 Vacuum lines have in-line filters and disinfectant traps 0 Vacuum traps on floors have secondary containment 0 Chemical Fume Hood (CFH) and Other Local 0 Exhaust 0 Certification within last year Date: 3/31/2011 Airfoil and rear baffle unobstructed V C CFH not used for storage Sash at or below maximum height 0 Cabinet below the CFH is vented 0 No blockage in front of the CFH 0 Other local exhaust certified 0 Date: 0 **Gas Cylinders** All cylinders properly secured 0 0 Caps on reserve cylinders No excess or empty cylinders 0 0 Chemicals Flammables stored in flammable storage cabinet 0 Peroxide formers double dated 0 Chemicals segregated properly 0 No hazardous chemicals stored above eye level V No chemicals stored on the floor V Chemical containers not left open 0 C All solutions properly labeled Formaldehyde Monitoring 0 Anesthetic Gas Monitoring Mercury thermometers not in use V 0 Refrigerators / Freezers No food for human consumption C Flammables in explosion safe units 0 Electrical Equipment without frayed or damaged wiring. 0 No overloaded outlets or electrical strips C Power strips mounted off the floor C Electrical outlets within 1 meter of water sources 0 protected by G.F.C.I. No portable space heaters 0 Personal Protective Equipment Eyewash available in lab, unobstructed and flushed 0 weekly Safety shower available and unobstructed 0 Personal protective equipment available (gloves, 0 gowns, goggles, etc) Occupants properly attired 0 Lab coats, gowns, smocks, gloves, and other personal 0 protective clothing not worn outside of the lab **Waste Management** No evidence of improper waste disposal 0 Chemical wastes tagged, labeled, dated <60 days and 0 kept closed Chemical waste containers in secondary containment V Sharps containers used and disposed of as MPW 0 Waste disposal calendar in lab 0

A			N/A	Comments Please contact facilities to address the improper directional airflow in this
General Engineering Controls				laboratory.
Lab air flow negative to general occupancy, corridor & office area		Ø		
No cup sinks or drains acting as vents	0			
Hand washing sink available near laboratory exit	0			
Vacuum line on lab benches has filters and traps	0			
Room UV lights on interlock switch			0	
BSC not compromised by room air or location	•			*
CFH located in rear corner of lab	0			
General Practice and Procedures			N. C.	
Food for human consumption stored outside lab	•			
Microwave oven(s) clearly labeled "No Food Preparation, Lab Use Only"	•			
No evidence of eating, drinking, smoking, and cosmetics being applied in lab	•			
Mouth pipetting prohibited	0			
Proper signage - UV, Laser, Radioactive, etc. on door	0			
Lab equipment properly labeled (Biohazard,	0			
Radioactive, Toxic, etc.)				
Safety Training				Please make sure any lab personnel working with human blood and body fluids is up to date with bloodborne pathogen training. Go to www.safetytraining.nih.gov to sign up for courses.
Lab staff up to date with Lab Safety Training (Initial & Refresher)	•			
Lab staff up to date with BBP training (Initial & Refresher)		•		
Personnel read, review, and follow instructions on practices and procedures	•			
General Laboratory Housekeeping				
No glass containers stored on floor	•			
No slip, trip, or fall hazards present	•			
Clean absorbent pads on work surfaces	•			
No trash on floor	0			
Lab appears clean and uncluttered	ଙ		ļ	
Fire Protection Sprinkler heads free and unobstructed with 18" clear pane below sprinkler heads	0			
No open penetrations in walls, ceiling, floor, etc	0			
No wiring or tubing through the door opening	0			
36" minimum passage widths in room	0			
All doors kept closed to ensure fire protection and directional air flow	8			
No storage on ductwork or light fixtures	•			
No excess combustibles stored in room	0			
Laboratory Animal Allergy Prevention Program				Andrew Art Mark to the control of th
(LAAPP)				
Transport container, animal waste, and carcasses properly contained			•	
Containment equipment used by staff during procedures			ø	?
Rooms in which animals used are posted			0	?
Appropriate PPE available			•	?
Cold Room				
Cold-room has emergency release	0			
No cardboard storage		•		
Asphyxiates and hazardous gases in ventilated rooms only	0			~

Biosafety Level 2 Safety Survey Division of Occupational Health and Safety, ORS

Revised March 15, 2006	Yes	No	N/A	Comments
Access to Laboratory				
Appropriate biohazard sign posted on door	0			
- Information on sign accurate and current	•			
- Sign legible and not defaced	•			
Decontamination				
Decontaminant effective for organism(s) in use	•			
Work surfaces decontaminated before and after each procedure, daily, and after spills	Ø			
Medical Pathological Waste (MPW) Handling Double bags are used and individually sealed	•			
Boxes not overfilled and weigh less than 40 pounds when full	Ø			
Boxes properly labeled and closed	0			
Contaminated Waste handling				
Materials decontaminated outside the lab transported in closed, durable, leak-proof containers	0			
Mixed waste biologically decontaminated prior to disposal as chemical or radiological waste	Ø			
Biologically contaminated waste is autoclaved to decontaminate prior to disposal as general waste	•			
Personal Protection				
Gloves worn when handling infectious material or contaminated equipment	•			
Hands washed after removing gloves, after working with infectious agent, and before leaving lab	Ø			
Hand soap available for immediate first aid	0			
Practices				Please keep all laboratory SOPs in a binder or on a CD for easy access. ///Plastic aerosol covers should also be used to cover the buckets in your centrifuge.
OMS contacted for appropriate immunizations, surveillance, and treatment of occupational exposures	•			
BSC used when potential for creating infectious aerosols/splashes exist	Ø			
A biosafety manual and SOP's are readily available in the lab		•		
Needle-locking syringes / single use needle-syringe units used with infectious agents			0	
Centrifuge cups and rotors opened only in a BSC	0			
Infectious materials transported outside lab in approved safety carriers	Ø			
Site Surveyor's Signature:				Date Completed:
			10/04/0044	
				10/21/2011

GENERAL LABORATORY SAFETY SURVEY Division of Occupational Health and Safety, ORS

Building/Room: 29A / 3C22 IC: FDA/CBER Branch/Section: Date: 10/24/2012 Registration #: (HPRD 3128) Contact Person: (Yes No N/A Priority Comments **BIOLOGICAL SAFETY CABINET (BSC)** 0 Certification within last year C Date: 9/30/2013 Front grill and exhaust filter unobstructed 0 Open flames not used inside cabinet 0 Vacuum lines have in-line filters and 0 disinfectant traps Vacuum traps on floors have secondary 0 containment CHEMICAL FUME HOOD (CFH) AND 0 OTHER LOCAL EXHAUST Certification within last year 0 Date: Airfoil and rear baffle unobstructed 0 V CFH not used for storage Sash at or below maximum height Cabinet below the CFH is vented No blockage in front of the CFH Other local exhaust certified (i.e. downdraft table, histology cabinet, elephant trunks, Date: Type: animal racks, autoclave vents, slot hoods) **GAS CYLINDERS** All cylinders properly secured V Caps on reserve cylinders No excess or empty cylinders 0 Flammables moved to flammables cabinet during survey. Unlabeled bottle CHEMICALS 0 was disposed during survey. Flammables stored in flammable storage 0 cabinet Peroxide formers double dated Chemicals segregated properly 0 No hazardous chemicals stored above eye 0 Chemical containers not left open 0 0 All solutions properly labeled OSHA Regulated Monitoring (i.e. 0 formaldehyde, benzene, etc.) Mercury thermometers not in use 0 0 **REFRIGERATORS - FREEZERS** No food for human consumption C Flammables in a hazard-rated unit 0 Equipment without frayed or damaged wiring V No overloaded outlets or electrical strips V Power strips mounted off the floor V Electrical outlets within 1 meter of water 0 sources protected by G.F.C.I. 0 No portable space heaters No permanent extension cords 0 Electrical panels as accessible

	Yes	No	N/A	Priority	Comments
FIRE PROTECTION	0				
Sprinkler heads free and unobstructed with 18" clear pane below sprinkler heads			•		
No open penetrations in walls, ceiling, floor, etc	•				
No wiring or tubing through the door opening	0				
36" minimum passage widths in room	O				
All doors kept closed to ensure fire protection and directional air flow	•				
No storage on ductwork or light fixtures	0				
No excess combustibles stored in room	0				
LABORATORY ANIMAL PROGRAM Transport container, animal waste, and carcasses properly contained			0		
Containment equipment used by staff during procedures			•		
Rooms in which animals used are posted			0		
Appropriate PPE available (i.e. Surgical masks, Disposable lab coat, Protective eyewear)			ø		
Anesthetic gas monitoring			Ø		
COLD ROOM	0				N29A/3C16
Cold-room has emergency release	•				
No cardboard storage	0				
Asphyxiates and hazardous gases in ventilated rooms only	ø.				
SAFETY RESOURCES	0				
Lab staff has been notified of NIH Chemical Hygiene Plan and Exposure Control Program	•				
Lab staff has been notified on how to report hazardous conditions	•				
OTHER					
This survey reflects all observed safety deficiencies. (If "no", state other observed safety deficiencies)	Ø				

GENERAL LABORATORY SAFETY SURVEY Division of Occupational Health and Safety, ORS

Building/Room: 29A / 3C22 IC: FDA/CBER Branch/Section: Date: 9/12/2013 Registration #: (HPRD 3128) Contact Person: (Yes No N/A **Priority Comments** 0 **BIOLOGICAL SAFETY CABINET (BSC)** Certification within last year 0 Date: 9/30/2013 Front grill and exhaust filter unobstructed 0 Open flames not used inside cabinet 0 Vacuum lines have in-line filters and 0 disinfectant traps Vacuum traps on floors have secondary 0 containment CHEMICAL FUME HOOD (CFH) AND 0 OTHER LOCAL EXHAUST Certification within last year 0 Date: Airfoil and rear baffle unobstructed V V CFH not used for storage Sash at or below maximum height 0 Cabinet below the CFH is vented C No blockage in front of the CFH Other local exhaust certified (i.e. downdraft table, histology cabinet, elephant trunks, 0 Date: Type: animal racks, autoclave vents, slot hoods) **GAS CYLINDERS** C All cylinders properly secured 0 Caps on reserve cylinders 0 No excess or empty cylinders 0 In the future, always remember to double date all peroxide formers. (2-0 CHEMICALS propanol) Flammables stored in flammable storage 0 cabinet Peroxide formers double dated 0 Chemicals segregated properly 0 No hazardous chemicals stored above eye 0 Chemical containers not left open 0 All solutions properly labeled 0 OSHA Regulated Monitoring (i.e. 0 formaldehyde, benzene, etc.) 0 Mercury thermometers not in use **REFRIGERATORS - FREEZERS** 0 0 No food for human consumption Flammables in a hazard-rated unit 0 0 **ELECTRICAL** Equipment without frayed or damaged wiring 0 No overloaded outlets or electrical strips 0 Power strips mounted off the floor 0 Electrical outlets within 1 meter of water V sources protected by G.F.C.I. V No portable space heaters No permanent extension cords 0 Electrical panels as accessible

	Yes	No	N/A	Priority	Comments
FIRE PROTECTION	0				
Sprinkler heads free and unobstructed with 8" clear pane below sprinkler heads	•				
No open penetrations in walls, ceiling, floor, etc	0				
lo wiring or tubing through the door opening	0				
6" minimum passage widths in room	0				
all doors kept closed to ensure fire protection and directional air flow	•				
lo storage on ductwork or light fixtures	0				
No excess combustibles stored in room	•				
LABORATORY ANIMAL PROGRAM Fransport container, animal waste, and carcasses properly contained			0		The Control of the Co
Containment equipment used by staff during rocedures			•		
tooms in which animals used are posted			0		
Appropriate PPE available (i.e. Surgical nasks, Disposable lab coat, Protective eyewear)			Ø		
nesthetic gas monitoring			0		
OLD ROOM	0				The second secon
cold-room has emergency release	0				
o cardboard storage	0				
sphyxiates and hazardous gases in entilated rooms only	ø				
AFETY RESOURCES	0				Please keep a copy of the CHP with the Biosafety Manual.
ab staff has been notified of NIH Chemical Hygiene Plan and Exposure Control Program		•		•	
ab staff has been notified on how to report azardous conditions	Ø				
OTHER This survey reflects all observed safety eficiencies. (If "no", state other observed afety deficiencies)	Ø				n -894-